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Quantification of oil recovery efficiency, CO2 storage potential, and fluid-rock interactions by CWI in heterogeneous sandstone oil reservoirs
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Reliability analysis of offshore structures using OMA based fatigue stresses
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Resilience of systems by value of information and SHM
Miraglia, S., Faber, M. H., Thøns, S. & Stewart, M. G. 2017 Safety, Reliability, Risk, Resilience and Sustainability of Structures and Infrastructure: 12th Int. Conf. on Structural Safety and Reliability, Vienna, Austria, 6–10 August 2017. p. 2998-3007
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017
Stabilization diagrams using operational modal analysis and sliding filters

Temperature Effects on Stiffness Moduli of Reservoir Sandstone from the Deep North Sea
Orlander, T., Andreassen, K. A. & Fabricius, I. L. 2017

The impact of reduction of doublet well spacing on the Net Present Value and the life time of fluvial Hot Sedimentary Aquifer doublets

Thermodynamic Analysis of Chalk–Brine–Oil Interactions

Three-Dimensional poroelastic effects during hydraulic fracturing in permeable rocks

Towards the understanding of microbial metabolism in relation to microbial enhanced oil recovery

A general procedure for estimating dynamic displacements using strain measurements and operational modal analysis
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A geometrically based method for predicting stress-induced fracture aperture and flow in discrete fracture networks

Application of infrared thermography for temperature distributions in fluid-saturated porous media

Damping characteristics of a footbridge: Mysteries and truths

Fracture Toughness Characterization of Honeycomb Core Sandwich Composites in Mode - I: A Comparative Study

In Situ Techniques for the Investigation of the Kinetics of Austenitization of Supermartensitic Stainless Steel
Microbial enhanced oil recovery—a modeling study of the potential of spore-forming bacteria
Publication: Research - peer-review › Journal article – Annual report year: 2015

Orbital calibration of the late Campanian carbon isotope event in the North Sea
Publication: Research - peer-review › Journal article – Annual report year: 2016

The impact of different aperture distribution models and critical stress criteria on equivalent permeability in fractured rocks
Publication: Research - peer-review › Journal article – Annual report year: 2016

The impact of in-situ stress and outcrop-based fracture geometry on hydraulic aperture and upscaled permeability in fractured reservoirs
Bisdom, K., Bertotti, G. & Nick, H. 2016 In : Tectonophysics. 69, Part A, p. 63-75
Publication: Research - peer-review › Journal article – Annual report year: 2016

The influence of facies heterogeneity on the doublet performance in low-enthalpy geothermal sedimentary reservoirs
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Projects:

Risk Based Asset Management of subsurface wells against corrosion and scale
Miraglia, S.
01/03/2017 → …
Project

Novel Productivity Enhancement Concept for a Sustainable Utilization of a Geothermal Resource
Nick, H.
01/03/2016 → 31/08/2019
Project

3D imaging center
01/01/2016 → 01/01/2021
Project

Activities:

Applying LCA in decision making- the need and the future perspective
Dong, Y. (Speaker), Miraglia, S. (Other), Manzo, S. (Other), Georgiadis, S. (Other), Sørup, H. J. D. (Other), Boriani, E. (Other), Hald, T. (Other), Thøns, S. (Other), Hauschild, M. Z. (Other)
10 May 2017
Activity: Talks and presentations › Conference presentations

Making sense of big data for Produced Water Treatment
Jørgensen, T. M. (Invited speaker)
17 Nov 2016
Activity: Talks and presentations › Conference presentations
Fracture Toughness Characterization of Honeycomb Core Sandwich Composites in Mode - I: A Comparative Study
Saseendran, V. (Speaker), Berggreen, C. (Lecturer), Leif A. Carlsson (Lecturer)
20 Mar 2016 → 22 Mar 2016
Activity: Talks and presentations › Conference presentations

Biorefinery Öresund Conference 'Biorefining from raw material to high value products'
Cheali, P. (Speaker), Gernaey, K. V. (Speaker), Sin, G. (Speaker)
1 May 2012 → 30 Apr 2015
Activity: Talks and presentations › Conference presentations